

AbstractMethod of generating a control program for a device for photorefractive corneal surgery of the eye

5 In a method of generating a control program, according to which a laser-beam spot is guided, while being controlled with respect to position and time, over a cornea to be corrected photorefractively, so as to ablate a predetermined ablation profile therefrom, the effect of the angle between the laser beam and the corneal surface on the energy density of the laser-beam spot incident on the
10 corneal surface and/or on the fraction of the laser-beam energy incident on the corneal surface which is reflected away, is taken into account when generating the control program.

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Fig. 12

Sub A2

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